

# EUROPEAN PATENT OFFICE

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APPLICANT : NISSHIN FLOUR MILLING CO LTD;

INVENTOR : KODAMA TOSHIAKI;

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TITLE : PEPTIDE MIXTURE AND PRODUCTION THEREOF

ABSTRACT : PURPOSE: To massively produce a highly safe angiotensin transferase-inhibiting peptide mixture at a low cost by simple operations by hydrolyzing wheat protein with an acidic protease and subsequently extracting the product with an alcohol.

CONSTITUTION: Wheat protein is hydrolyzed with an acidic protease (preferably pepsin, an, acidic protease originated from koji) in an aqueous medium, or further with a neutral or alkaline protease (preferably thermolysin or satilysin). Insolubles are removed from the hydrolysis product, and the aqueous medium is removed from the remaining solution to obtain a concentrate, which is extracted with an alcohol (preferably ethanol) to provide a peptide mixture as an alcohol-soluble fraction.

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